

ABSTRACT

A truss assembly apparatus for assembling truss structures, by assembly on two or more consecutive, spaced
5 apart, coplanar work table surfaces and with a gantry type
press assembly of a plurality of wooden truss members and
truss connector plates with toothed projections, the truss
members coupled by embedding the connector plate
projections into said truss members. The truss assembly
10 apparatus has a gantry type press assembly with first and
second ends adapted to be mounted on first and second ends
of each of said work table surfaces, for movement over the
work table surfaces and the space between adjacent work
table surfaces. The gantry assembly has a continuous belt
15 on the first and second ends for driving of the gantry
assembly, by engagement of the continuous driving belt
with the first and second table ends. The gantry assembly
is configured to be supported by the continuous belt,
during movement of the gantry over a work table surface
20 when crossing the space between work table surfaces.